## ISSUE SLIP STAPLE AREA (for additional cross references)

| INITIALS | ID NO.      | DATE      |
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## INDEX OF CLAIMS

| J | Rejected                   | N | Non-elected  |
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| = | Allowed                    | 1 | Interference |
|   | (Through numeral) Canceled | Α | Appeal       |
|   |                            | 0 | Objected     |

| Clair         | m          | _           | _       |                | -    | 3/1       | ate      |                |              |     |          | $\neg$       | ſ   | Clain        | n        |          |          |  | Date          |          |          |          |          |           | С          | laim       |     |              |               |          | Date     | ,        |              |          |    | _ |
|---------------|------------|-------------|---------|----------------|------|-----------|----------|----------------|--------------|-----|----------|--------------|-----|--------------|----------|----------|----------|--|---------------|----------|----------|----------|----------|-----------|------------|------------|-----|--------------|---------------|----------|----------|----------|--------------|----------|----|---|
| $\overline{}$ |            | _           | V       | Π.             |      |           | T        | Т              | T            | -7  | Т        | _            | ľ   | -            | $\neg$   |          |          | П                                      | $\Box$        | Т        |          | T        |          | 7         |            | =          |     |              |               | - 1      | - 1      |          |              |          |    |   |
| _[            | Original   | XFILL       | 10/10   | 16%            | ١,   | K         |          | - 1            |              |     |          | - 1          | - 1 | <u>_   }</u> | 5        | 1        | ļ        |  | - 1           | -        |          |          | ı        | 1         | -          | Original   |     | 1 1          |               |          |          | - [      | 1            |          |    |   |
| Final         | 힘          | 1           | ×       | 13             |      | N         | - 1      | - 1            |              |     | - 1      | - 1          | - 1 | Final        | ₹1       |          | 1        |  |               | -        |          | -        |          | 1         | i di       | اة         |     | 1 1          |               |          |          |          |              |          |    | 1 |
| ũ į           | ा          | P.          | 8       | 10             | 1    | 74        | 4        |                | -            | 4   | -        | 4            | -   |              |          | ┼        | $\vdash$ | -                                      | $\rightarrow$ | +        | +        | ╁        | +        | -         | 1          | 10         |     | $\vdash$     |               | -        | _        | 7        | _            | _        |    | t |
| 1             | 71         | X           | 1       | ۱ -            | 1    | Ī         |          |                |              |     |          |              |     |              | 11       | <u> </u> | 1        | _                                      | $\rightarrow$ | -        | $\perp$  | +        | - -      |           | $\vdash$   |            |     | +            |               |          | -+       |          | -            | +        |    | ł |
| 7             | Ħ          | 1           |         | ſ              | Т    | Т         | Т        |                | 7            |     |          | - 1          |     | 5            | 2        | 1        |          |  |               | $\bot$   |          |          | 丄        |           |            | 10         |     | lacksquare   | _             | $\Box$   | 4        | 4        | 4            |          | _  | 4 |
| -+            | 2          | 7           |         | ╁              | t    | +         | +        | _              | 7            | ┪   | _        |              | ſ   | 5            | 3        |          |          |  |               | T        |          |          |          |           | - [        | 10         | 3   | 1 1          |               |          | 1        | -        |              | - 1      |    | I |
| 4             | _          | ŀ∸          | -       | Н              | +.   | +         | +        | {              |              |     | +        | $\dashv$     | ŀ   |              | 4        | ╁┈       |          | -                                      | $\dashv$      | 7        | _        | +        | +        | 1         |            | 10         | 4   |              | _             | $\neg$   |          | $\neg$   |              | $\neg$   |    | 1 |
| Ц,            | 4          | _           |         | Н              | 1    | -         |          | -              | -+           |     | -+       | ᅱ            | - } |              |          | +-       | -        |  | -             | +        |          | -+       | +        | -1        | _          | 10         |     | 1            |               | _        | 寸        | ヿ        |              | ヿ        | _  | 1 |
| 2.]           | 5          |             |         | Ц              | 1    | 2         |          | _              | _            | _   | _        | _            | -   |              | 55       | ┼-       | 1        | 1                                      | -             | -        | +        | +        | +        |           | -          |            |     | +            |               |          | -        | $\dashv$ | -            | +        | _  | - |
| Т             | 6          | 1           |         | Н              | 1    | -         | - 1      | - 1            | - 1          | - 1 |          |              | L   |              | 6        | 1_       | <u> </u> |  |               | 4        | 4        | 4        | 4        | 4         | -          | 10         | _   | $\vdash$     |               |          |          | +        | -            | +        | _  | 4 |
| 2             | 7          | T           | Г       | П              | 1.   | =         | T        | $\neg$         |              | T   | [        |              |     | 5            | 7        | 1        | 1        | 1                                      |               | ┙        |          |          |          |           | L          | 10         | -   |              |               |          | _        | _        | _            | _        |    | _ |
| 4             | 8          | +           | -       | Ħ              | 1:   |           | -†       | $\dashv$       | _            | _   | 一        |              | - 1 | 5            | 8        | 1        | T        | П                                      | _             |          |          | T        |          | 1         |            | - 10       | 8   |              | 1             |          |          |          |              |          |    |   |
|               | _          | -           | -       | ╁┼             | +:   | 計         |          | -              | 一            | ┪   | 一        | $\neg i$     | ſ   | 1            | 9        | Ť        | 1        |  |               | $\dashv$ | 7        | 7        | $\top$   | 7         | $\Box$     | 10         | 9   |              |               |          | 1        | l        | - 1          |          |    |   |
| 5             | 9          | 4           | _       | H              | 4    | 7         | -        |                | $\dashv$     |     | $\dashv$ |              | }-  |              |          | +        | 1        | ╌                                      | $\dashv$      | +        | -        | +        | ╅        |           | <u> </u>   | 11         | n   |              | $\overline{}$ |          | $\neg$   | $\neg$   | $\neg$       | $\neg$   | _  |   |
| $\perp$       | 16         | $\perp$     | L       | П              | ┸    |           | _        | _              | _            | _   | _        | _            | -   |              | 0        | +-       | ⊢        |  | $\rightarrow$ | -        | +        | +        |          | -         | $\vdash$   | 11         |     | +            | Н             |          | $\dashv$ |          | -+           | -+       | _  | - |
|               | ₩          | 1           | 1       | П              |      | -         |          |                |              | 1   |          | $\Box$       | L   |              | 51       | ┸        | 1_       |  | _             | 4        | -        | +        |          | 4         | -          | _          |     | 1            | H             | Н        | -        |          |              | +        | _  | - |
| 6             | 12         | 1           |         | 17             | 1-   | =         |          | $\neg$         |              |     |          |              |     | 6            | 2        | ı        |          | ll                                     | _1            |          |          |          |          | _1        | L          | 11         |     | $\perp$      | L             |          | _        | _        | _            | _        |    | _ |
| 4             | 112        | -           | -       | H              | ť    | =         | +        |                | _            | 一   | _        | $\neg$       | r   | 7            | 53       | Γ        | Γ        | П                                      | Т             | T        | T        | I        | - [      |           | - [ -      | 11         | 3   |              |               | L_ l     |          | l        | _]           |          |    |   |
| +             | ľ          |             | -       | ╀              | +    | +         | $\dashv$ |                |              |     |          | $\dashv$     | , F |              | 4        | +-       | $\vdash$ | Н                                      | $\dashv$      | 十        | _        | $\top$   | +        | $\dashv$  |            | 11         | 4   | 1            |               |          |          |          | T            | T        |    | • |
| 4             | 4 50 10 2  | J           | 1-      | 1              | 4    | +         | 4        |                | _            |     | _        |              |     |              |          | +        | 1-       | Н                                      | -             | +        | +        | -+       | +        | $\dashv$  | -          | 11         | _   | 1            | Т             |          | -        |          | 7            | ヿ        | _  | • |
| 4             | <u>#</u> 5 | Α           | 1       | L              | 1    |           |          |                | _            | _   | $\Box$   | _            |     |              | 55       | ╄        | 4        | Н                                      | $\dashv$      | -        | -+       | +        | +        | $\dashv$  | -          | 11         |     | <del> </del> | <del> </del>  | -        | $\dashv$ | $\dashv$ | -1           | -+       | -  | - |
| Т             | 16         | 1           | I       | 1              | Γ    | - [       | - 1      | Į              |              | i   |          |              | 1   |              | 66       | 1        | 1        |  |               |          | _        | 4        | 4        | _         | $\vdash$   |            | _   | -            |               | $\vdash$ | $\vdash$ | -1       | -            |          |    | - |
| 7             | 1          | T           | 11      | 1              | 1    |           | $\neg$   |                |              |     |          |              |     | _  6         | 7        | 1        |          | 1                                      |               |          | $\perp$  |          |          |           |            | 11         |     | 1_           | L             |          | Ш        | _        | _            | _        | _  | _ |
| -             | 18         | $\vdash$    | H       | ╁              | +    | ╅         | -+       | -              | $\neg$       |     | $\dashv$ |              |     | - 6          | 8        | 1        | T        |  |               |          | П        | Т        | П        |           |            | 1          | 8   | Ţ            | 1             |          |          |          |              |          |    |   |
| 4             | P          | Н           | ₩       | <del> </del> - | +    | +         | }        |                | -            | -   | Н        | _            | , ì | _            | 59       | -        | +        |  |               | ヿ゙       | $\neg$   | _        |          | 7         | Г          | 11         | 19  |              | Π             |          |          |          |              |          |    |   |
| _             | 19         | Ц           | Ш       | ┸              | 1    | _         | _        |                |              |     |          |              |     |              |          | 4-       | +-       | -                                      | -             | -+       | $\dashv$ | -        | $\dashv$ |           | ⊢          | 1,         |     | +            | +-            |          | Н        | _        |              |          | _  | - |
| ্থ            | ā.         | Ы           | П       | 1              | 1    | - 1       | - 1      |                |              |     |          |              |     |              | 70       | 1_       |          |  | $\Box$        | _        | _        | .        | _        | _         | -          | -          |     | 4            | ļ             | -        |          | 4        |              | $\dashv$ | _  | - |
| 7             | 汞          | ۲           | 11      | 1              | ✝    | 7         | $\neg$   |                |              |     |          |              | [   | [·           | 71       |          |          |  |               | ļ        | - 1      |          |          |           | ~L         | 1          | 21  |              | _             | L        | Ш        |          | _            | Ш        | L. |   |
|               | 2 22       | ╂-╂-        | ╁╂      | ╁╌             | +    | +         | -        | -              |              | _   |          |              | 1   | 1            | 72       |          | 1        |  |               | $\neg$   |          | Т        | T        | ٦.        |            | 112        | 22  |              |               | 1        |          |          |              | L        | L. |   |
| -             | 4          | H           | 11      | +-             | +    | -         | -1       | -              |              | _   | -        | H            | 1 1 |              | 73       | +        | +-       | 1                                      | <del>  </del> | 寸        | ヿ        | _        | 1        | _         |            | 1          | 23  | 1            |               | 1        |          |          |              |          |    |   |
| _             | 23         | <u> </u>    | Ľ       | 1              | 4    | 4         | _        | -              |              |     | <u> </u> | <u> </u>     |     | -            | 74       | ╌        | +-       | ┼                                      |               | 4        | -        | -+       | +        | $\dashv$  | ⊢          |            | 24  | +            | ╁             | †        |          | П        |              |          |    |   |
| _l            | 23<br>24   | 17          | 1       | <u>'L</u>      |      |           | _        |                |              |     |          | _            |     | _            |          |          |          |  |               | -        | $\dashv$ | $\dashv$ | -+       |           | }-         | -+         |     | ╌            | $\vdash$      | ╁╌       | -        | Н        |              | $\Box$   | ┢  | - |
|               | 25         |             |         | Т              |      | ١         |          |                |              |     |          |              | ] { |              | 75       | ┸        |          | $\perp$                                |               | _        |          | 4        | _        |           | -          |            | 25  |              | ⊢             | ├        | <u> </u> |          | 1            | $\vdash$ | ┝  | - |
|               | 26         | Т           | T       | +              | 1    | $\neg$    | _        |                |              | Г   |          |              | 1 1 |              | 76       | 1        |          | Ì                                      |               |          |          | _        |          |           | L          | 1:         | 26  | 丄            | L             | <u> </u> | L.       |          | $\Box$       |          | Ļ. | _ |
|               | 27         | ╌           | +-      | ┿              | +    | _         | -        |                | -            | Т   | -        | -            | 1 1 |              | 77       |          | Τ"       | 1                                      | П             | $\neg$   |          |          | П        |           | Į.         | 1:         | 27  |              |               | i _      |          |          |              |          | L  |   |
| -             | _          | ├           | -       | ╀              | +    | -         | -1       |                | -            | -   | $\vdash$ | -            | 1 1 | _            | 78       | +        | +        | $\vdash$                               |               | $\neg$   |          |          | 1        | $\neg$    | r          | 1          | 28  | 7            |               | П        | 1        |          |              |          |    |   |
|               | 28         |             | L       | ┸              | 4    | _         | _        |                | <u>L</u>     | ļ   | _        | <b>!</b> _   | 1 ! | <u></u>      |          |          |          | +                                      | $\vdash$      | -        | $\dashv$ | -+       | +        | $\dashv$  | <b> </b> - | _          | 29  | +            | 十             | 1-       |          |          |              |          | Г  |   |
| -             | 29         | ļ           | 1       | 1              | -    |           |          |                | l            |     | <u> </u> | L            |     |              | 79       | 4        | <u> </u> | 1                                      | Ш             |          | _        |          | -        |           | -          |            |     |              | ╄             | ╂~       | ⊢        | -        | $\vdash$     |          | ┢  | - |
| ,             | 30         |             | 7       | Т              | T    |           |          |                | Г            | Γ   |          | 1            |     |              | 80       |          |          |  |               |          |          | _        | _        | _         | -  -       |            | 30  | 4-           | ╀-            | ╄        | 1_       | -        | -            | $\vdash$ | ┡  | - |
| :-            | 31         | -           | †-      | +              | 7    | ┪         |          |                | _            | Г   | 1        |              | 1   | П            | 81       |          |          |  |               | -        | - 1      | - 1      | - 1      | - 1       |            | Ħ          | 31  |              | _             |          | 1_       | _        |              |          | 1_ | _ |
| -             |            | +           | ╁       | +              | +    | -         |          | -              | ╌            | -   | -        | <del> </del> | 1   | $\vdash$     | 82       | _        | $\top$   | 1-                                     |               |          |          | $\neg$   | ヿ        | 7         | Γ          | ħ          | 32  |              | Г             | ı        |          |          |              |          |    |   |
| _             | 32         | ٠.          | ╀       | +              | 4    |           | _        |                | <del> </del> | ⊢   | ┼        | -            | -   |              | 83       |          | +        | ┼                                      |               | -        | $\neg$   | 7        | 7        | _         | -          | <b>−</b> ħ | 33  | T            | Т             |          | Π        | П        |              |          |    |   |
|               | 33         | -           | 上       |                | _    | _         |          | _              | _            | L   | <u> </u> | ┡            | 4   |              |          | ∔        | 4-       | ╁                                      | -             | -        |          | $\dashv$ | $\dashv$ | -1        | H          |            | 34  |              | $^{+}$        | +        | $\vdash$ | Ι-       |              |          | Г  |   |
|               | 34         | 1           | 1       | 1              | -    |           |          |                | l .          |     | L        | _            |     |              | 84       |          | _ _      | ↓_                                     | lacksquare    |          | -1       | _        | -        | -1        | -          | 1          |     |              | +-            | +        | ╁╌       | ├        | $\vdash$     | ┰        | ┢  | - |
|               | 35         | Т           | T       | 7              | 7    | $\neg$    |          |                | Γ            | Γ   | Γ        |              | 1   | ΙĪ           | 85       |          | $\perp$  | L                                      |               |          |          | 1        |          | _         | L          |            | 35  |              | ↓-            | 1        |          | ١        | <u> </u>     | ⊢        | ┢  | - |
| -             | 36         |             | +       | +              | +    |           |          | _              | T            | 1   | T        | 1            | 1   | $\Box$       | 86       | T        | T        |  |               |          |          | I        |          |           | - 1        | _ [1       | 36  |              | L             | 1_       | 丄        | <u> </u> |              | <b>⊢</b> | L  | _ |
|               |            | 4           | +       | +              | +    |           |          | -              | $\vdash$     | +-  | +        | 1-           | 1   | t . I        | 87       | +        | 1        | 1                                      | 1             |          | П        |          | $\neg$   | $\neg$    | Γ          | h          | 37  | Т            | 1             |          | 1        | L        | L            | L        | L  | _ |
| _             | 37         |             | 4       | 4              | 4    | _         |          | -              | ⊢            | -   | +-       | ╁            | 4   | ┅            | _        |          | +        | +                                      | $t^-$         | -        | Н        | -        |          | -         | ı          | k          | 38  | $\top$       | T             | T        | Т        |          | Г            |          | Γ  |   |
|               | 38         | L           | L       | $\perp$        |      |           |          |                | _            | 乚   | 1_       | 丄            | 4   |              | 68       | 4-       | 4-       | ┼-                                     | <del> </del>  | H        | $\vdash$ |          | -        | $\dashv$  | -          |            | 39  | +-           | ┿             | +-       | †-       | Н        | $\vdash$     |          | T  |   |
|               | 39         |             | T       | Т              | 7    | П         |          | [              | 1            | 1   | 1        | 1            | 1   | L            | 89       | $\perp$  | 1        | ــــــــــــــــــــــــــــــــــــــ | 1_            |          | Щ        | ]        | $\dashv$ | _         | Ļ          | -          |     |              | +-            | +        | +        | +-       | <del> </del> | -        | +- | - |
|               | 40         | <del></del> | +       | +              | أززه | $\exists$ | _        |                | 1            | 1   | Т        | Т            | 1   | П            | 90       |          |          | 1                                      | 1             | l        |          |          |          | -         |            | j1         | 40  | $\bot$       | 1             | L        | 1        | _        | <b>L</b>     | ⊢        | 1  | _ |
|               |            | _           |         | - 14           | 1    | $\dashv$  |          | $\vdash$       | ┼            | +-  | +        | +-           | 1   | $\vdash$     | 91       | +        | +        | 1-                                     | 1             | Γ.       |          | $\neg$   |          | $\neg$    | r          | 1          | 41  | Г            |               |          |          |          | 1            |          | L  |   |
|               | 41         |             | $\perp$ |                | _    |           | _        | L              | 丄            | 上   | 1_       | 1            | 4   | $\vdash$     |          | - -      | +        | +                                      | -             |          | -        | $\vdash$ |          | $\dashv$  | - }        |            |     | +-           | +-            | +        | T        | 1        | 1            | Γ        | Γ  |   |
| _             | 42         | T           | Т       | Т              | 1    |           |          | L              |              |     | L        | L            | 1   | $\square$    | 92       | _        | 1        | +                                      | 4             | <u> </u> | <u> </u> | _        |          |           | - }        | [          | 74  | +            | +-            | +-       | ╁        | +        | 1            | $\vdash$ | t  | - |
|               | 43         | -           | $\top$  | ✝              |      |           |          | Γ              | Γ            | П   | F        | Γ            |     | 1 1          | 93<br>94 |          | $\bot$   | L                                      | L             | L        | L        |          | Ш        | $\sqcup$  | J.         |            | 49  | +            | +             | +        | ╁        | +-       | ╀╌           | +-       | ╁  | - |
|               | 44         | +-          | +       | +              |      |           |          | <del> </del> - | +            | +-  | $\top$   | 1            | 1   | П            | 94       | $\top$   | T        | T-                                     | Г             |          | Ī        |          |          |           | - 1        | - 11       | 44  | $\perp$      | 1             | L        | 1        | 1_       | ┺            | _        | ╀  | _ |
|               |            |             | 4-      | +              | 4    |           |          | -              | +            | +-  | +        | +            | -   | Н            | 95       | +        | +        | +                                      |               |          |          | ,        | R        | ,         | A          | 11         | 45  | g-1, I       |               | 4        | -        |          | M            | P)       | 1  | 1 |
| _             | 45         |             | 1       | ┵              |      |           |          | $\vdash$       | ┺            | 4-  | +-       | +-           | -   | Н            |          | +        | ╌        | - -                                    | 6             | 6        | 6        | Н        |          | $\forall$ |            | iik        | 46  | NE D         | 17            | 4        | ŧ□       | 16       | Ji           | )        | Ψ. |   |
|               | 46         | 3           | ╝       |                |      | L_        | L_       | L              | L            | _   | 1_       | 1            | _   |              | 96       | $\perp$  | 4        |  | W             | لحيا     | ш        |          | ď        | 77/       | 7 V        | Щ          | 4   | 44           | 46            | +        | ~        | 100      | 7            | T        | ľ  | • |
|               | 47         |             | T       | T              |      |           |          |                |              |     |          |              |     | L            | 97       | L_       | $\perp$  | $\perp$                                | 1_            | _        | L-       | Щ        | Ш        | <u> </u>  | ļ.         |            |     | +            | -             | +-       | ╀        | +-       | +            | +-       | T  | - |
|               | 48         |             | 十       | +              | -    | _         |          | $\vdash$       | $\top$       | 1   | Т        | Τ            | 7   |              | 98       | Т        |          | 1                                      | $\perp$       | L        | L        |          |          | Ш         | Į          |            | 48  | -            | +             | +-       | +        | ╁        | ╂-           | +        | +  | - |
|               |            |             | 4       | -ŀ             | _    | -         |          | +-             | +-           | +-  | +-       | +-           | 1   |              | 99       | 7        | T        | T                                      | Г             |          |          |          |          |           | 1          |            | 149 |              | 丄             | 1        | 4-       | 4_       | ╀            | +-       | ╀  | _ |
| -             | 49         | a I         | ,       |                |      |           |          |                |              |     |          |              |     |              |          |          |          |  |               |          |          |          |          |           |            |            | 150 |              |               |          |          |          |              |          |    |   |

If more than 150 claims or 10 actions staple additional sheet here

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